

## ABSTRACT

A method for producing an  $\alpha$ -alumina particulate is described. The method for producing an  $\alpha$ -alumina particulate comprises  
5 steps of (Ia) and (Ib), or a step of (II):

(Ia) removing water from a mixture containing water, a seed crystal and a hydrolysate obtained by hydrolysis of an aluminum compound under conditions of a pH of 5 or less and a temperature of 60°C or less,

10 (Ib) calcining the resulted powder,

(II) calcining a mixed powder containing 75-1 wt% of an  $\alpha$ -alumina precursor (in terms of  $\text{Al}_2\text{O}_3$ ) and 25-99 wt% of a seed crystal (in terms of oxide of metal component).